

# Converting Colors

Decimal(5743480)

Have a look what the booklet for  
Decimal(5743480) contains.

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**Color**

**Decimal(5743480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A378
RGB	87, 163, 120
RGB Percent	34%, 64%, 47%
CMY	0.6588, 0.3608, 0.5294
CMYK	0.47, 0.00, 0.26, 0.36
HSL	146°, 30%, 49%
HSV	146°, 47%, 64%
XYZ	20.4178, 29.5767, 22.4020
YIQ	135.3740, -31.4930, -29.4850

# Conversions

## Conversions Part 2

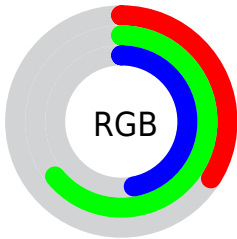
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 140, 163
Decimal	5743480
CIELab	61.29, -33.68, 15.18
CIElCh	61, 36.947, 155.734
Yxy	29.5767, 0.2820, 0.4085
Android (android.graphics.Color)	4283933560 (0xFF57A378)
YUV	135.3740, -7.5794, -42.4240
Hunter-Lab	54.3845, -28.1576, 13.6464

# Details

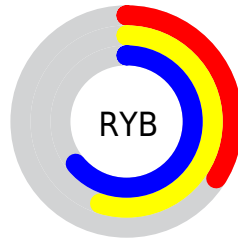
The Decimal color **5743480** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10704770**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9296556**, and **2125639** is the 20% darker color. If you saturate the color by 10%, you get **4694895**, and if you desaturate by 10%, it is **6792065**.

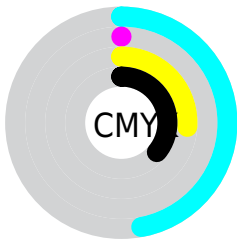
# Distribution



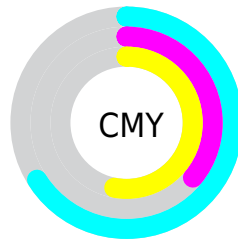
- Red (34%)
- Green (64%)
- Blue (47%)



- Red (34%)
- Yellow (55%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (36%)



- Cyan (66%)
- Magenta (36%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5743480 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5743480 by changing the saturation by 10% instead.





5743480



5743480

16777215



3967071



9296556



2125639



11073480



22065



12976100



15899



14811135



10242



2304



0



5743480



5743480



4694895



6792065

■ 3580774

■ 7906186

■ 2532188

■ 8954772

■ 1483603

■ 10003357

■ 435018

■ 11117478

■ 41799

■ 12166063

■ 13214649

■ 14263234

■ 15377355

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8428894



5743480



1942937

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5743480



7181781



13663855

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5743480



10704770

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13793935



5743480



10521033

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5743480



2662095



12746415



12552537

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5743480



42415



12746415



13859961



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5743480



11982019



8561495



5860193



15461355



7039851



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5743480



6149265



5743518



4805197



37183



4616



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10704770



13917600



10704732



5392718



9502802



1179658



# Previews

## White Background



This preview shows how the Decimal color 5743480 looks on a white background.

## Color Contrast Check

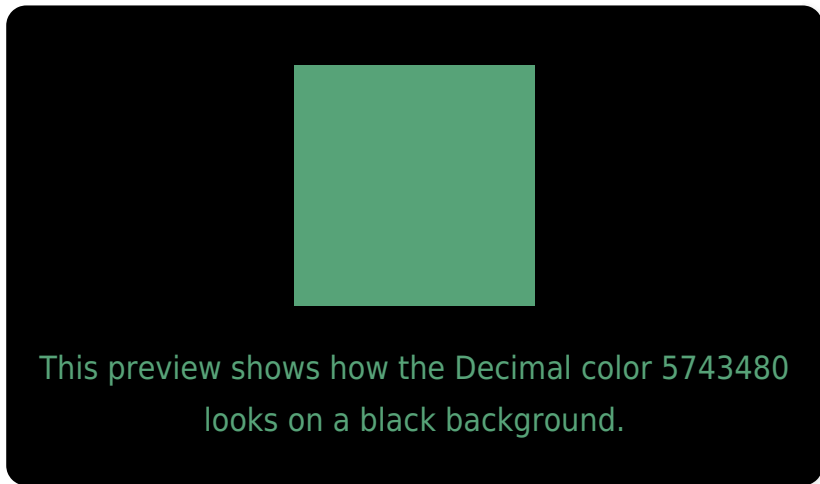
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

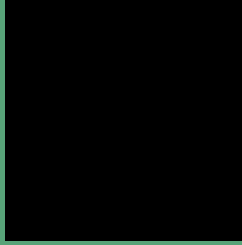
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5743480 Background



This preview shows how black text looks on a background with the Decimal color 5743480.



This preview shows how white text looks on a background with the Decimal color 5743480.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
5743480

**Protanopia**  
10326897

**Deuteranopia**  
11112061

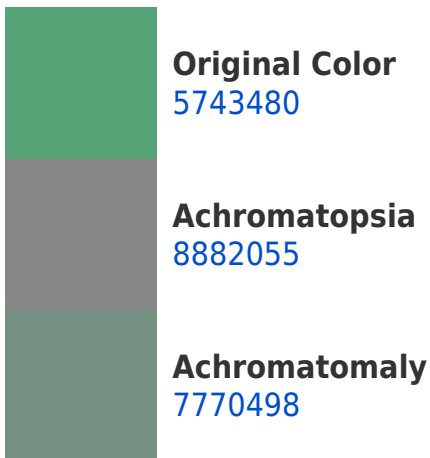


**Tritanopia**  
6528425

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5743480 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #57A378 looks like.

```
.text, #text, p{  
    color:#57A378  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #57A378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A378
}
```

## Border

The CSS property to change the border of an element to Decimal 5743480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57A378 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#57A378 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #57A378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A378; -webkit-box-shadow:4px 4px  
4px 4px #57A378; box-shadow:4px 4px 4px  
4px #57A378 }
```

# Background

The CSS property to change the background color of an element to Decimal 5743480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A378 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#57A378 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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